



DFW
+

TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/814,841
		Filing Date	March 30, 2004
		First Named Inventor	Jonathan J. Hull
		Group Art Unit Number	2132
		Examiner Name	Gilberto Barron, Jr.
Total Number of Pages in This Submission	19*	Attorney Docket Number	20412-08352

ENCLOSURES (check all that apply)	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Issue Fee Transmittal
<input checked="" type="checkbox"/> Return Receipt Postcard	<input type="checkbox"/> Letter to Chief Draftsperson
<input type="checkbox"/> Response to Notice to File Missing Parts	<input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) []
<input type="checkbox"/> Assignment & Recordation Cover Sheet	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Declaration	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Power of Attorney	<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Application Data Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited Non-Patent References	<input type="checkbox"/> _____
<input type="checkbox"/> Request for Corrected Filing Receipt	<input type="checkbox"/> _____
<input type="checkbox"/> Request for Correction of Recorded Assignment	<input type="checkbox"/> _____
<input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final	<input type="checkbox"/> _____
<input type="checkbox"/> Status Request	<input type="checkbox"/> _____
<input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> _____

REMARKS: *Page count does not include cited references.

SIGNATURE OF ATTORNEY OR AGENT		
Signature:		
Attorney/Reg. No.:	Greg T. Sueoka, Reg. No. 33,800	Dated: 10/26/05

CERTIFICATE OF MAILING		
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.		
Signature:		
Typed or Printed Name:	Greg T. Sueoka	Dated: 10/26/05
Express Mail Mailing Number (optional):		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Jonathan J. Hull, Michael J. Gormish and Kurt W. Piersol
APPLICATION NO.: 10/814,841
FILING DATE: March 30, 2004
TITLE: Multimedia Output Device Having Embedded Encryption
Functionality
EXAMINER: Gilberto Barron, Jr.
GROUP ART UNIT: 2132
ATTY. DKT. NO.: 20412-08352

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: 10/26/05

By: Greg T. Sueoka

Greg T. Sueoka, Reg. No.: 33,800

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;

PATENT

- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:
 - ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
 - ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained

PATENT

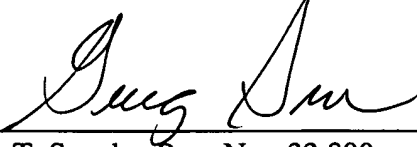
in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

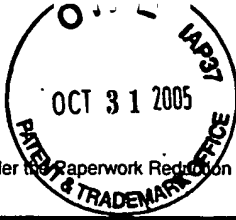
- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(d); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☒ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. 10/639,282, filed on August 11, 2003, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
JONATHAN J. HULL ET AL.

Dated: 10/26/05

By: 
Greg T. Sueoka, Reg. No.: 33,800
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (650) 335-7194
Fax.: (650) 938-5200



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	1	of	15	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-6,774,951	08-10-2004	Narushima
	A2	US-2004/0090462 A1	05-13-2004	Graham
	A3	US-6,674,538	01-06-2004	Takahashi
	A4	US-6,665,092	12-16-2003	Reed
	A5	US-2003/0220988 A1	11-27-2003	Hymel
	A6	US-2003/0184598 A1	10-02-2003	Graham
	A7	US-2003/0163552 A1	08-28-2003	Savitzky et al.
	A8	US-6,611,622	08-26-2003	Krumm
	A9	US-6,594,377	07-15-2003	Kim et al.
	A10	US-2002/0185533 A1	12-12-2002	Shieh et al.
	A11	US-6,476,793	11-05-2002	Motoyama et al.
	A12	US-6,466,534	10-15-2002	Cundiff, Sr.
	A13	US-2002/0101513 A1	08-01-2002	Halverson
	A14	US-2002/0097426 A1	07-25-2002	Gusmano, et al.
	A15	US-6,421,738	07-16-2002	Ratan et al.
	A16	US-2002/0048224 A1	04-25-2002	Dygert et al.
	A17	US-6,373,498	04-16-2002	Abgrall
	A18	US-6,369,811	04-09-2002	Graham et al.
	A19	US-2002/0010641 A1	01-24-2002	Stevens et al.
	A20	US-6,332,147	12-18-2001	Moran et al.
	A21	US-6,308,887	10-30-2001	Korman et al.
	A22	US-6,296,693	10-02-2001	McCarthy
	A23	US-6,262,724	07-17-2001	Crow et al.
	A24	US-2001/0003846 A1	06-14-2001	Rowe et al.
	A25	US-6,193,658	02-27-2001	Wendelken et al.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	2	of	15	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A26	US-6,182,090	01-30-2001	Peairs
	A27	US-6,175,489	01-16-2001	Markow et al.
	A28	US-6,153,667	11-28-2000	Howald
	A29	US-6,118,888	09-12-2000	Chino et al.
	A30	US-6,106,457	08-22-2000	Perkins et al.
	A31	US-6,101,503	08-08-2000	Cooper et al.
	A32	US-Re. 36,801	08-01-2000	Logan et al.
	A33	US-6,094,648	07-25-2000	Aalbersberg et al.
	A34	US-6,055,542	04-25-2000	Nielsen et al.
	A35	US-6,028,601	02-22-2000	Machiraju et al.
	A36	US-6,026,409	02-15-2000	Blumenthal
	A37	US-6,021,403	02-01-2000	Horvitz et al.
	A38	US-6,006,218	12-21-1999	Breese et al.
	A39	US-6,000,030	12-07-1999	Steinberg et al.
	A40	US-5,999,173	12-07-1999	Ubillos
	A41	US-5,990,934	11-23-1999	Nalwa
	A42	US-5,987,454	11-16-1999	Hobbs
	A43	US-5,986,692	11-16-1999	Logan et al.
	A44	US-5,986,655	11-16-1999	Chiu et al.
	A45	US-5,982,507	11-09-1999	Weiser et al.
	A46	US-5,978,477	11-02-1999	Hull et al.
	A47	US-5,950,187	09-07-1999	Tsuda
	A48	US-5,946,678	08-31-1999	Aalbersberg
	A49	US-5,943,679	08-24-1999	Niles et al.
	A50	US-5,940,776	08-17-1999	Baron et al.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/814,841
Filing Date	March 30, 2004
First Named Inventor	Jonathan J. Hull
Art Unit	2132
Examiner Name	Gilberto Barron, Jr.
Attorney Docket Number	20412-08352

Sheet 3 of 15

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A51	US-5,936,542	08-10-1999	Kleinrock et al.
	A52	US-5,933,841	08-03-1999	Schumacher et al.
	A53	US-5,903,538	05-11-1999	Fujita et al.
	A54	US-5,892,536	04-06-1999	Logan et al.
	A55	US-5,873,107	02-16-1999	Borovoy et al.
	A56	US-5,870,770	02-09-1999	Wolfe
	A57	US-5,860,074	01-12-1999	Rowe et al.
	A58	US-5,857,185	01-05-1999	Yamamura
	A59	US-5,838,317	11-17-1998	Bolnick et al.
	A60	US-5,832,474	11-03-1998	Lopresti et al.
	A61	US-5,819,301	10-06-1998	Rowe et al.
	A62	US-5,802,294	09-01-1998	Ludwig et al.
	A63	US-5,793,365	08-11-1998	Tang et al.
	A64	US-5,784,616	07-21-1998	Horvitz
	A65	US-5,781,785	07-14-1998	Rowe et al.
	A66	US-5,778,397	07-07-1998	Kupiec et al.
	A67	US-5,774,260	06-30-1998	Petitto et al.
	A68	US-5,761,655	06-02-1998	Hoffman
	A69	US-5,760,767	06-02-1998	Shore et al.
	A70	US-5,754,308	05-18-1998	Lopresti, et al.
	A71	US-5,751,283	05-12-1998	Smith
	A72	US-5,748,805	05-05-1998	Withgott et al.
	A73	US-5,737,599	04-07-1998	Rowe et al.
	A74	US-5,721,897	02-24-1998	Rubinstein et al.
	A75	US-5,717,879	02-10-1998	Moran et al.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/156964.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	4	of	15	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A76	US-5,694,559	12-02-1997	Hobson et al.
	A77	US-5,686,957	11-11-1997	Baker
	A78	US-5,682,330	10-28-1997	Seaman et al.
	A79	US-5,680,636	10-21-1997	Levine et al.
	A80	US-5,661,783	08-26-1997	Assis
	A81	US-5,638,543	06-10-1997	Pedersen et al.
	A82	US-5,633,723	05-27-1997	Sugiyama et al.
	A83	US-5,596,700	01-21-1997	Damell et al.
	A84	US-5,568,406	10-22-1996	Gerber
	A85	US-5,481,666	01-02-1996	Nguyen et al.
	A86	US-5,479,600	12-26-1995	Wroblewski et al.
	A87	US-5,444,476	08-22-1995	Conway
	A88	US-5,422,795	08-15-1995	Levine et al.
	A89	US-5,418,948	05-23-1995	Turtle
	A90	US-5,404,295	04-04-1995	Katz et al.
	A91	US-5,386,510	01-31-1995	Jacobs
	A92	US-5,384,703	01-24-1995	Withgott et al.
	A93	US-5,349,658	09-20-1994	O'Rourke et al.
	A94	US-5,309,359	05-03-1994	Katz et al.
	A95	US-5,270,989	12-14-1993	Kimura
	A96	US-5,170,935	12-15-1992	Federspiel et al.
	A97	US-5,153,831	10-06-1992	Yianitos
	A98	US-5,136,563	08-04-1992	Takemasa et al.
	A99	US-5,115,967	05-26-1992	Wedekind
	A100	US-5,093,730	03-03-1992	Ishii et al.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	5	of	15	Attorney Docket Number	20412-08352

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A101	US-5,091,948	02-25-1992	Kametani
	A102	US-4,907,973	03-13-1990	Hon
	A103	US-4,881,135	11-14-1989	Heilweil
	A104	US-4,823,303	04-18-1989	Terasawa
	A105	US-4,807,186	02-21-1989	Ohnishi et al.
	A106	US-4,754,485	06-28-1988	Klatt
	A107	US-4,734,898	03-29-1988	Morinaga
	A108	US-4,417,239	11-22-1983	Demke et al.

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶
	B1	JP 8-297677 A	11-12-1996	Xerox Corporation	
	B2	GB 2 290 898 A	01-10-1996	Canon Business Machines, Inc.	
	B3	GB 2 234 609 A	02-06-1991	IBM Corporation	
	B4	GB 2 156 118 A	10-02-1985	Canon Kabushiki Kaisha	
	B5	GB 2 137 788 A	10-10-1984	Gavilan Computer Corporation	
	B6	EP 1 001 605 A3	05-17-2000	Xerox Corporation	
	B7	EP 802 492 A1	10-22-1997	IBM Corporation	
	B8	EP 762 297 A2	03-12-1997	Sun Microsystems	
	B9	EP 737 927 A2	10-16-1996	Xerox Corporation	
	B10	EP 459 174 A2	12-04-1991	Cina	
	B11	EP 378 848 A2	07-05-1990	IBM Corporation	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application No.	10/814,841
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
				Attorney Docket Number	20412-08352
Sheet	6	of	15		

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	C1	ABDEL-MOTTALEB, M. et al., "Face Detection in Complex Environments From Color Images," IEEE ICIP 622-626, 1999.	
	C2	Acrobat Reader Version 2.0 (software application), Adobe Systems Incorporated, screenshots Figures 1-10 (1994).	
	C3	Adobe Acrobat Reader 3.0 screen dumps (fig. 1-3), 1996.	
	C4	Adobe Premiere (video editing software) from http://www.adobe.com (2002)	
	C5	Adobe Systems, Inc., "Adobe Photoshop 4.0 User Guide for Macintosh and Windows," 1996, Title Page, Copyright Page, Chap. 2, pp. 30-31.	
	C6	Apple Macintosh system 7 reference manual, pages 30-31 (1991)	
	C7	ARONS, B. "SpeechSkimmer: A System for Interactively Skimming Recorded Speech," ACM Transactions on Computer-Human Interaction 4(1):3-38.	
	C8	BALL, THOMAS et al., "Software Visualization in the Large," IEEE Computer, Vol. 29, No. 4, April 1996, pp. 33-43, http://www.computer.org/computer/co1996/r4033abs.htm .	
	C9	BEGOLE et al., "Flexible Collaboration Transparency," doc. ID: ncstri.vatach_cs/TR-98-11, Virginia Polytechnic Institute and State University, 1998.	
	C10	BEGOLE et al. "Flexible Collaboration Transparency: Supporting Worker Independence In Replicated Application-Sharing Systems," ACM Transactions On Computer-Human Interaction, June 1999, pp. 95-132, Vol. 6, No. 2.	
	C11	BEGOLE et al., "Supporting Worker Independence in Collaboration Transparency," ACM 0-58113-034-1/98/11, Virginia Polytechnic Institute and State University, pp. 133-142, 1998.	
	C12	BEGOLE et al., "Supporting Worker Independence In Collaboration Transparency," technical report from the Computer Science Department of Virginia Tech, doc. ID: ncstrl.vatech_cs/TR-98-12.	
	C13	BOBICK et al., "A State Based Approach to the Representation and Recognition of Gesture," IEEE Trans. On Pattern Analysis and Machine Intelligence, pp. 1325-1337, 1997.	
	C14	BOGURAEV et al., "Salience-Based Content Characterization Of Text Documents," ACL/EACL'97 Intelligent Scalable Text Summarization Workshop Program, July 11, 1997, 14 pages.	
	C15	BOGURAEV et al., "Salience-based Content Characterization of Text Documents," in Proceedings of Workshop on Intelligent Scalable Text Summarization at the ACL/EACL Conference, Madrid, Spain, 12 pages, July 7-12, 1997.	
	C16	BORECZKY, J. et al., "An Interactive Comic Book Presentation for Exploring Video," Conference on Human	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	7	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		Factors in Computing Systems (CHI 2000), ACM Press, pp. 185-192, 2000.	
	C17	BOYKIN et al., "Improving Broadcast News Segmentation Processing," IEEE Multimedia '99, 1999.	
	C18	BOYKIN et al., "Machine Learning of Event Segmentation for News on Demand," Communications of the ACM, 43:35-41, 2000.	
	C19	BRANDOW et al., "Automatic Condensation of Electronic Publications by Sentence Selection," Information Processing and Management, 31(5):875-885, 1995.	
	C20	BROWN et al., "Automatic Content-Based Retrieval of Broadcast News," ACM Multimedia 5, San Francisco, CA, 1995.	
	C21	BYRD, D., "A Scrollbar-based visualization for Document Navigation," doc. ID:xxx.cs.IR/9902028, Computing Research Repository: Information Retrieval, 1999.	
	C22	"c:\...\9149920c.wpd – unmodified" Screen Shots of document created in Corel WordPerfect, 4 pages (April 30, 2002)	
	C23	CHEN et al., "Emotion Recognition from Audiovisual Information," Proc. IEEE Workshop on Multimedia Signal Processing, Los Angeles, CA, USA, pp. 83-88, 1998.	
	C24	CHEN et al., "ViBE: A Video Indexing and Browsing Environment," Proceedings of the SPIE Conference on Multimedia Storage and Archiving Systems, September 20-22, 1999, Boston 3846:148-164, 1999.	
	C25	CHIU et al., "NoteLook: Taking Notes in Meetings with Digital Video and Ink," ACM Multimedia 99 Orlando, 1999.	
	C26	CHIU et al., "Automatically Linking Multimedia Meeting Documents by Image Matching," Proceedings of Hypertext '00, ACM, New York, pp. 244-245, 2000.	
	C27	CHRISTEL et al., "Evolving Video Skims into Useful Multimedia Abstractions," Proceedings of the CHI '98 Conference on Human Factors in Computing Systems, pp. 171-178 Los Angeles, CA, April 1998.	
	C28	CHRISTEL et al., "Information Visualization Within a Digital Video Library," Journal of Intelligent Information Systems, 11:35-257, 1998.	
	C29	DAMIANI, E. et al. "A Fine-Grained Access Control System for XML Documents," ACM Transactions on Information and System Security, May 2002, pp. 169-202, Vol. 5, No. 2.	
	C30	DELLAERT et al., "Recognizing Emotion in Speech," Proceedings ICSLP 96, Fourth International Conference on Spoken Language Processing New York, IEEE Vol. 1970-1973, Cat. No. 96TH8206), 1996.	
	C31	DIMITROVA et al., "Video Keyframe Extraction and Filtering: A Keyframe is not a Keyframe to Everyone," CIKM 1997:113-120, 1997.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	8	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C32	DIVAKARAN, A. et al., "Video Browsing System Based on Compressed Domain Feature Extraction," IEEE Transactions on Consumer Electronics 46:637-644.	
	C33	DOERMANN et al., "Applying Algebraic and Differential Invariants for Logo Recognition," Machine Vision and Applications 9:73-86, 1996.	
	C34	DONATO et al., "Classifying Facial Actions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 21:974-989, 1999.	
	C35	DORAI, C. et al., "Perceived Visual Motion Descriptors from MPEG-2 for content-based HDTV annotation and retrieval," IEEE 3 rd Workshop on Multimedia Signal Processing, 147-152.	
	C36	DRUCKER et al., "SmartSkip: Consumer Level Browsing and Skipping of Digital Video Content," Paper: Technology to Help People Find Information, Vol. No. 4, Issue No. 1, pp. 219-226, Minneapolis, Minnesota, USA, April 20-25, 2002.	
	C37	EROL, B. et al., "Local Motion Descriptors," IEEE Workshop on Multimedia Signal Processing, 467-472, 2001.	
	C38	ESSA et al., "Coding Analysis Interpretation and Recognition of Facial Expressions," IEEE Trans. on Pattern Analysis and Machine Intelligence, 19:757-763, 1997.	
	C39	European Search Report, EP 05008745, June 6, 2005, 4 pages.	
	C40	"Facelt Face Recognition Technology Frequently Asked Technical Questions," Visionics Corporation, 36 pages.	
	C41	"Flexible JAMM Screenshots," downloaded from internet site http://simon.cs.ct.edu/~jamm 5/4/00.	
	C42	FOOTE, J. et al., "An Intelligent Media Browser Using Automatic Multimodal Analysis," ACM Multimedia '98, ACM Press, Pages 375-380, Bristol, UK, 1998.	
	C43	FOOTE, J. et al., "Finding Presentations in Recorded Meeting Using Audio and Video Features." ICASPP, 3029-3032, 1999.	
	C44	FOOTE, J. et al., "FlyCam: Practical Panoramic Video and Automatic Camera Control," Proceedings of International Conference on Multimedia & Expo, 3:1419-1422, 2000.	
	C45	FURUI et al., "Japanese Broadcast News Transaction and Information Extraction," Communications of the ACM, 43(2):71-73, Feb. 2000.	
	C46	GAUVAIN et al., "Transcribing Broadcast News for Audio and Video Indexing," Communications of the ACM, 43:64-70, 2000.	
	C47	GIBBON, David C., "Generating Hypermedia Documents from Transcriptions of Television Programs Using	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	9	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	† ⁶
		Parallel Text Alignment," Handbook of Internet and Multimedia Systems and Applications, CRC Press, 1998.	
	C48	GLANCE, NATALIE et al., "Knowledge Pump: Community-Centered Collaborative Filtering," Xerox Research Centre Europe, Grenoble Laboratory, October 27, 1997, pp. 1-5.	
	C49	GLIEDMAN, J., "Virtual Office Managers," Computer Shopper, 18(9):290, 1998.	
	C50	GOPAL, S. et al., "Load Balancing in a Heterogeneous Computing Environment," Proceedings of the Thirty-First Hawaii International Conference on System Sciences," 6-9 January 1998.	
	C51	GORDON, "Using Annotated Video as in Information Retrieval Interface," ACM Proceedings of the 5 th International Conference on Intelligent User Interfaces, New Orleans, pp. 133-140, 2000.	
	C52	GRASSO, A. et al., "Augmenting Recommender Systems By Embedding Interfaces Into Practices," Proceedings of the 33 rd Hawaii International Conference on System Sciences 2000 IEEE, pp. 1-9.	
	C53	GRASSO, ANTONIETTA et al., "Supporting Informal Communication Across Local and Distributed Communities," Xerox Research Centre Europe, Grenoble, France, 8 pages.	
	C54	GREENBERG, Saul, "A Fisheye Text Editor For Relaxed-WYSIWIS Groupware," ACM SIGCHI'96 Conference on Human Factors in Computing System, Companion Proceedings, 1996, pp. 212-213.	
	C55	GREENBERG, et al., "Sharing Fisheye Views in Relaxed-WYSIWIS Groupware Applications," Proceedings of Graphics Interface, Toronto, Canada, May 22-24, 1995, Distributed by Morgan-Kaufmann, pp. 28-38, http://www.cpsu.ucalgary.ca/grouplab/papers/1996/96-Fisheye.GI/gi96fisheye.html .	
	C56	GROSS, R. et al., "Face Recognition in a Meeting Room," IEEE International Conference on Automatic Face and Gesture Recognition, 294-299.	
	C57	GROPP, W. et al., "Using MPI – Portable Programming with the Message-Passing Interface," copyright 1999, pages 35-42, second edition, MIT Press.	
	C58	GROSS, R. et al., "Towards a Multimodal Meeting Record," Proceedings of International Conference on Multimedia and Expo, 1593-1596.	
	C59	HAUPTMANN et al., "Story Segmentation and Detection of Commercials in Broadcast News Video," Advances in Digital Libraries Conference, Santa Barbara, CA April 22-23, 1998.	
	C60	HAUPTMANN et al., "Text, Speech and Vision for Video Segmentation: the Informedia Project," Proc. AAAI Fall Symp. Computational Models for Integrating Language and Vision, Boston, MA, Nov. 10-12, 1995.	
	C61	HE et al., "Comparing Presentation Summaries: Slides vs. Reading vs. Listening," Conference on Human Factors in Computing Systems (CHI 2000), April 1-6, 2000.	
	C62	HEARST et al., "TileBars: Visualization of Term Distribution Information in Full Text Information Access,"	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	10	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems (CHI), Denver, CO., pp/ 1-8, May 1995, http://www.acm.org/sigchi/chi95/Electronic/documents/papers/mah_bdy.htm .	
	C63	HECHT, "Embedded Data Glyph Technology for Hardcopy Digital Documents," Proc. SPIE 2171:341-352, 1994.	
	C64	HECHT, "Printed Embedded Data Graphical User Interfaces," IEEE Computer, March 2001.	
	C65	HILL et al., "Edit Wear and Read Wear," Computer Graphics and Interactive Media Research Group, pp. 3-9, May 1992.	
	C66	HOADLEY, C., "A Very Short Introduction to UNIX," The Metropolitan State College of Denver/Information Technology Center for Technology Services, April 30, 2002, pp. 1-18.	
	C67	HSU, R.L., et al., "Face Detection in Color Images," Proc. International Conference on Image Processing, 1046-1049, 2001.	
	C68	HU et al., "Multimedia Description Framework (MDF) for Content Descriptions of Audio/Video Documents," Fourth ACM Conference on Digital Libraries (DL '99), August 11-14, 1999.	
	C69	IBM Technical Disclosure Bulletin, "Quick Selection of Window Environment Coordinates," 35:57-60, ISS # 4B, 1992.	
	C70	IOFFE et al., "Finding People by Sampling," Proc. International Conference on Computer Vision, pp. 1092-1097, 1999.	
	C71	JANG et al., "Improving Acoustic Models With Captioned Multimedia Speech," IEEE, 1999, pp. 767-771.	
	C72	JIN et al., "Topic Tracking for Radio, TV Broadcast, and Newswire," Proceedings of the DARPA Broadcast News Workshop, Feb. 28-Mar. 3, 1999, Hemdon, VA.	
	C73	JOHNSON, S.E., "Who Spoke When? – Automatic Segmentation and Clustering for Determining Speaker Turns," Proc. Of Eurospeech, 679-682, 1999.	
	C74	KAPRALOS, B. et al., "Eyes 'n Ears Face Detection," 2001 International Conference on Image Processing, 1:65-69, 2001	
	C75	KHARE, R., "Anatomy Of A URL (and Other Internet-Scale Namespaces, Part 1)," IEEE Internet Computing, September-October, 1999, pp. 78-81.	
	C76	KIMBER, D. et al., "Acoustic Segmentation for Audio Browsers," Proc. Interface Conference, Sydney, Australia, 10 pages, 1996.	
	C77	KOMLODI et al., "Key Frame Preview Techniques for Video Browsing," Proceedings of the 3 rd ACM International Conference on Digital Libraries, June 23-26, 1998, Pittsburgh, pp. 118-125, 1998.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	11	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C78	LAM et al., "Automatic Document Classification Based on Probabilistic Reasoning: Model and Performance Analysis," IEEE, 3:2719-2723, 1997.	
	C79	LANGLEY, P., "An Analysis of Bayesian Classifiers," Proceedings of 10 th National Conference on Artificial Intelligence, pp. 223-228, 1992.	
	C80	LANGLEY, P., "Induction of Selective Bayesian Classifiers," Proceedings of 10 th National Conference on Uncertainty in Artificial Intelligence, pp. 400-406, 1994.	
	C81	LEE, D. et al., "Segmenting People in Meeting Videos Using Mixture Background and Object Models," Proc. Of Pacific Rim Conference on Multimedia, Taiwan, Dec. 16-18, 8 pages, 2002.	
	C82	LI et al., "Automatic Text Detection and Tracking in Digital Video," IEEE Transactions on Image Processing – Special Issue on Image and Video Processing for Digital Libraries, 9:147-156, 2000.	
	C83	LI et al., "Text Extraction and Recognition in Digital Video," Proceedings of Third IAPR Workshop on Document Analysis Systems, pp. 119-128, 1998.	
	C84	LI et al., "Text Extraction, Enhancement and OCR in Digital Video," DAS '98, LNCS 1655, pp. 363-377, Springer-Verlag Berlin Heidelberg 1999.	
	C85	LI et al., "VISION: A Digital Video Library," Proceedings of the 1 st ACM International Conference on Digital Libraries, pp. 19-27, 1996.	
	C86	LIANG et al., "Practical Video Indexing and Retrieval System," SPIE 3240:294-303, 1988.	
	C87	LIENHART et al., "On the Detection and Recognition of Television Commercials," Proc. IEEE Conf. On Multimedia Computing and Systems, Ottawa, Canada, pp. 509-516, June 1997.	
	C88	MA et al., "An Indexing and Browsing System for Home Video," Invited paper, EUSIPCO '2000, 10 th European Signal Processing Conference, 5-8, Sept. 2000, Tampere, Finland.	
	C89	MANBER, U., "The Use of Customized Emphasis in Text Visualization," Proceedings of 1997 IEEE Conf. On Information Visualization, pp. 132-138, Aug. 27-29, 1997, London, England.	
	C90	MAYBURY, "News on Demand," Communications of the ACM, 43:33-34, 2000.	
	C91	MAYBURY et al., "Multimedia Summaries of Broadcast News," International Conference on Intelligent Information Systems, 1997, pp. 442-449.	
	C92	MAYBURY, M. et al., "Segmentation, Content Extraction and Visualization of Broadcast News Video Using Multistream Analysis," AAAI Paper, 1997.	
	C93	MERIALDO et al., "Automatic Construction of Personalized TV News Programs," Seventh ACM International Multimedia Conference, Orlando, November 1999.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	12	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C94	MERLINO et al., "Broadcast News Navigation Using Story Segmentation," Advanced Information Systems Center, The MITRE Corporation, 1997.	
	C95	MERLINO et al., "Broadcast News Processing Techniques," MITRE Technical Report, MTR 99B0000031, April, 1999.	
	C96	MOHAN, "Text-Based Search of TV News Stories," Proc. SPIE 2916:2-13, 1996.	
	C97	MYERS, B.A. et al., "Multi-View Intelligent Editor for Digital Video Libraries," First ACM and IEEE Joint Conference on Digital Libraries, pp. 106-115, June 24-28, 2001, Roanoke, VA.	
	C98	OH et al., "Efficient and Cost-Effective Techniques for Browsing and Indexing Large Video Databases," SIGMOD Conference 2000: 415-426.	
	C99	PFAU, T. et al., "Multispeaker Speech Activity Detection for the ICSI Meeting Recorder," Proc. IEEE Automatic Speech Recognition and Understanding Workshop, 4 Pages, 2001.	
	C100	PINGALI, G. et al., "Multimedia Retrieval Through Spatio-Temporal Activity Maps," ACM Multimedia 129-136, 2001.	
	C101	RIST, T. et al., "Adding Animated Presentation Agents to the Interface," ACM International Conference on Intelligent User Interfaces, Pages 79-86, 1997.	
	C102	ROWLEY et al., "Neural Network-Based Face Detection," IEEE Transactions on Pattern Analysis and Machine Intelligence, 20:23-38, 1998.	
	C103	RUI, Y. et al., "Viewing Meetings Captured by an Omni-Directional Camera," ACM SIGCHI '01, Vol. 3, No. 1, Pages 450-457, Seattle, March 31-April 4, 2001.	
	C104	SCHWEIGHOFER et al., "The Automatic Generation of Hypertext Links in Legal Documents," Lecture Notes in Computer Science, vol. 1134, Wagner et al., eds., from 7 th Int. Conf., DEXA '96, September, 1996, Zurich, Switzerland.	
	C105	"Seiko Instruments USA, Inc. – Business and Home Office Products" online, date unknown, Seiko Instruments USA, Inc., [retrieved on January 25, 2005]. Retrieved from the Internet: <URL: http://www.siibusinessproducts.com/products/link-ir-p.html >.	
	C106	SHAHARARAY et al., "Automatic Generation of Pictorial Transcripts of Video Programs," Proceedings of the SPIE – Int. Soc. Opt. Eng. 2417:512-518, 1995.	
	C107	SHAHARARAY et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," 1997 IEEE First Workshop on Multimedia Signal Processing, pp. 581-586, 1997.	
	C108	SHAHARARAY et al., "Automated Authoring of Hypermedia Documents of Video Programs," ACM Multimedia	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	13	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		95, San Francisco, CA, November 5-9, 1995.	
	C109	SHEN, H. et al. "Access Control For Collaborative Environments," CSCW 92 Proceedings, November 1992, Pgs. 51-58.	
	C110	SLOMAN, M., "Policy Driven Management For Distributed Systems," To be published in Journal of Network and Systems Management, Plenum Press, 1994, Vol. 2, No. 4.	
	C111	SMITH et al., "Video Skimming and Characterization Through the Combination of Image and Language Understanding," Computer Vision and Pattern Recognition IEEE 1997.	
	C112	SNOWDON, DAVE et al., "Diffusing Information in Organizational Settings: Learning from Experience," CHI 2002, Volume No. 4, Issue No. 1, April 20-25, Minneapolis, Minnesota, pp. 331-338.	
	C113	SODERGARD et al., "Integrated Multimedia Publishing – Combining TV and Newspaper Content on Personal Channels," downloaded from http://www8.org/w8-papers/1b-multimedia/integrated/integrated.html on 4/4/02, Pages 1-22.	
	C114	SONMEZ et al., "Multiple Speaker Tracking and Detection: Handset Normalization and Duration Scoring," Digital Signal Processing 10:133-143, 2000.	
	C115	STAUFFER, C. et al., "Adaptive Background Mixture Models for Real-Time Tracking," Proceedings of Computer Vision and Pattern Recognition, 246-252.	
	C116	SUDA et al., "Logo and Word Matching Using a General Approach to Signal Registration," Fourth International Conference on Document Analysis and Recognition, Ulm, Germany, August 18-20, 1997, 61-65.	
	C117	SUMITA et al., "Document Structure Extraction for Interactive Document Retrieval Systems," Proceedings of SIGDOC 93, pp. 301-310, Oct. 5-8, 1993, Kitchner, Ontario.	
	C118	SUN, X. et al., "A Motion Activity Descriptor and its Extraction in Compressed Domain," Proc. IEEE Pacific-Rim Conference on Multimedia (PCM '01), 4 Pages, 2001.	
	C119	SUN, X. et al., "Panoramic Video Capturing and Compressed Domain Virtual Camera Control," ACM Multimedia, Pages 329-338, 2001.	
	C120	TAGHVA et al., "An Evaluation Of An Automatic Markup System," SPIE Proceedings, February 6-7 1995, pp. 317-327, Volume 2422.	
	C121	TAGHVA et al., "Evaluation of an Automatic Markup System," Proceedings SPIE Vol. 2422, Document Recognition II, p. 317-327, March 1995.	
	C122	"Tasty FotoArt" [online], date unknown, Tague Technologies, Inc., [retrieved on March 8, 3005]. Retrieved	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	14	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		from the Internet: <URL: http://www.tastyfotoart.com >.	
	C123	TAXT, T., "Segmentation of Document Images," IEEE, 11(12):1322-1329 (1989).	
	C124	TENNENHOUSE et al., "A Software-Oriented Approach to the Design of Media Processing Environments," Proceedings of the IEEE International Conference on Multimedia Computing and Systems, pp. 435-444, 1994.	
	C125	TONOMURA et al., "VideoMAP and VideoSpacelcon: Tools for Anatomizing Video Content," Proc. INTERCHI '93, ACM, pp. 131-136, 1993.	
	C126	TRITSCHLER, A. et al., "Improved Speaker Segmentation and Segments Clustering Using the Bayesian Information Criterion," Proc. Of Eurospeech, Pages 679-682, 1999.	
	C127	UCHIHASHI et al., "Summarizing Video Using a Shot Importance Measure and a Frame-Packing Algorithm," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, Phoenix, AZ, 6:3041-3044, 1999.	
	C128	UCHIHASHI et al., "Video Manga: Generating Semantically Meaningful Video Summaries," ACM Multimedia 99, Orlando, Florida, October 30-November 5, 1989.	
	C129	VideoLogger, Automate Video Acquisition And Production, Virage, Inc., [online] [Retrieved on April 26, 2002] Retrieved from the Internet<URL: http://www.virage.com/products/details.cfm?productID=5&categoryID=1 >	
	C130	"Video Mail Retrieval Using Voice" Cambridge University Engineering Department Computer Laboratory and Olivetti Research Laboratory summary of research found at http://svr-www.eng.cam.ac.uk/research/projects/vmr/ (1997)	
	C131	WACTLAR et al., "Complementary Video and Audio Analysis for Broadcast News Archives," Communications of the ACM, 43:42-47, 2000.	
	C132	WACTLER et al., "Intelligent Access to Digital Video: Informedia Project," Computer 29:46-52, 1996.	
	C133	WAIBEL, A. et al., "Advances in Automatic Meeting Record Creation and Access," Proceedings of the International Conference on Acoustics, Speech, and Signal Processing, Pages 597-600, 2001.	
	C134	WEISS et al., "Composition and Search with a Video Algebra," IEEE Multimedia 2:12-25, 1995.	
	C135	WILCOX, L. et al., "Annotation and Segmentation for Multimedia Indexing and Retrieval," Proceedings of the Thirty-First annual Hawaii International Conference on System Sciences (Wailea, Hawaii), Volume II, Pages 259-267, January 1998.	
	C136	WITTENBURG et al., Browsing with Dynamic Key Frame Collages in Web-Based Entertainment Video Services," In Proceedings of IEEE International Conference on Multimedia Computing and Systems, June 7-	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application No.	10/814,841
				Filing Date	March 30, 2004
				First Named Inventor	Jonathan J. Hull
				Art Unit	2132
				Examiner Name	Gilberto Barron, Jr.
Sheet	15	of	15	Attorney Docket Number	20412-08352

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
		11, 1999, Florence, Italy, 2:913-918, 1999.	
	C137	Xerox, "Flowport, Effective Document Management," brochure, 2 pages.	
	C138	Xerox, "Flowport, Paper that knows where it's going," Xerox Corporation, specification sheet, 1 page.	
	C139	Xerox, "FlowPort Software, Solutions for the Legal Market from Xerox", 2001 Xerox Corporation, 2 pages.	
	C140	Xerox, "FlowPort™ Xerox Image Routing Software FlowPort Overview," Xerox Corporation, 2003, 4 pages.	
	C141	YANG, J. et al., "Multimodal People ID for a Multimedia Meeting Browser," Proceedings of ACM Multimedia, Pages 159-168, 1999.	
	C142	YANG, M.H. et al., "Detecting Faces in Image: A Survey," IEEE Transactions on Pattern Analysis and Machine Intelligence, 24(1):34-58, 2002.	
	C143	ZDnet, "Captured! Three document capture systems tested," ZDnet, Technology & Business, November 28, 2002, [visited on April 29, 2003] < http://www.zdnet.com.au/printfriendly?AT=2000023555-20270277-4 >, 8 pages.	
	C144	ZHANG et al., "Detection of Text Captions in Compressed Domain Video," International Multimedia Conference Proceedings of the 2000 ACM Workshops on Multimedia 2000, Los Angeles, CA, pp. 201-204.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

20412/08352/DOCS/1569644.1